

**TOP SECRET****PRIORITY**

OUT58286

P 210251Z  
FM NPIC

03 APR 21 03 25Z

25X1

AFSSO PACAF  
AFSSO ACIC  
AFSSO FTD  
AFSSO USAFE  
CNO  
OPCENZEN  
TOP SECRET

CITE NPIC 6977.

25X1

25X1

SUBJECT: CAMERA INFORMATION FOR MISSION 1031-2.

1. THE FOLLOWING DATA REMAINS THE SAME AS REPORTED IN NPIC 6944. PARA 1, 3, AND 5. SEE REMARKS (PARA 5) FOR CHANGES TO 1031-1 DATA.

2. IMAGE MOTION COMPENSATION DATA (GROUND ANGULAR VELOCITY (GAV) IN RAD/SEC, CYCLE RATE (CPS), AND PASSES WHERE USED.

REF. LEVEL		AMPL. LEVEL		PASSES	
NO.	CPS.	GAV.	NO.	CPS.	GAV.
6	.3582	.0324	5	.0963	.0087 114D1 THRU 169D1

## 3. PROGRAM TIME DATA

PASS	CAMERA ON TIME				PROGRAM ON TIME	PROGRAM
	(ZULU TIME)				UP RAMP	DURATION
	DAY	HR	MIN	SEC	SEC	SEC
114D1	15	00	03	15	1139	71
114D2	15	00	06	27	1332	126

21 APR 1966

Office	Action
IN	
CS	
ADMIN	
SEC BR	
PLCS	
CSD	
IPD	
PD	
FSD	
PSD-ICB	
PD	
IAD	
TRG	
TRG-4	
TRG-2	
TRG-3	
TRG-5	

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**TOP SECRET**GROUP 1  
Excluded from automatic  
downgrading and  
declassification

25X1

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116D1	15	03	01	05	1079	59
116D2	15	03	04	18	1272	215
116D3	15	03	09	32	1587	121
117D1	15	04	31	22	1131	126
117D2	15	04	37	06	1476	87
117D3	15	04	40	18	1667	336
118D1	15	06	01	16	1161	147
118D2	15	06	05	00	1385	40
118D3	15	06	07	23	1528	93
118D4	15	06	10	46	1731	159
120AE	15	08	45	16	273	47
120D1	15	09	06	39	1556	99
127D1	15	19	36	57	1826	38
130D1	15	23	55	24	1241	136
131D1	16	01	24	26	1221	158
133D1	16	04	31	15	1707	379
134D1	16	05	52	15	1204	126
134D2	16	05	58	10	1559	277
135D1	16	07	22	02	1230	42
135D2	16	07	25	45	1453	104
135D3	16	07	29	24	1672	149
136D1	16	08	55	59	1506	102
143D1	16	19	27	26	1859	40
146D1	16	23	45	25	1252	191
149D1	17	04	11	38	1145	59

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149D2	17	04	17	39	1586	39
149D3	17	04	21	47	1754	365
150D1	17	05	43	05	1271	52
150D2	17	05	48	24	1591	37
150D3	17	05	49	36	1663	289
151D1	17	07	12	15	1262	64
151D2	17	07	14	13	1380	40
151D3	17	07	16	49	1535	327
152D1	17	08	44	16	1421	24
152D2	17	08	45	20	1485	229
153D1	17	10	16	25	1590	53
159D1	17	19	17	26	1890	39
162D1	17	23	35	19	1284	208
163D1	18	01	05	02	1307	204
163D2	18	01	11	07	1672	89
164D1	18	02	40	36	1682	165
165D1	18	04	07	23	1529	47
165D2	18	04	11	23	1770	388
166D1	18	05	35	17	1445	283
167D1	18	07	02	04	1294	43
167D2	18	07	04	11	1421	39
167D3	18	07	06	38	1568	288
168D1	18	08	34	33	1483	273
169D1	18	10	15	37	2190	184

NOTE: MASTER UNIT (FWD) OPERATED IN MONO MODE FOR ALL PASSES.

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## 4. TIME CORRELATION (MILLISECONDS)

PASS	CLOCK TIME	SYSTEM TIME	DIFFERENCE
73	464227.670	38480.1529	----
79	497946.250	72198.7437	.011
89	13299.083	38022.5072	.020
95	46988.636	71712.0734	.013
105	99213.656	37537.1159	.023
111	132931.340	71254.8157	.016
120	179574.323	31497.8221	.023
127	218750.689	70674.2093	.021
136	265433.147	30956.6943	.027
143	304594.546	70118.1174	.024
159	390427.157	69517.9985	.020
168	437131.271	29822.1277	.015
169	442585.377	35276.2349	.001

NOTE: ALL "DIFFERENCE" VALUES ARE MINUS.

## 5. REMARKS

THE FOLLOWING CHANGES SHOULD BE MADE IN NPIC 6944

PARA 2A CHANGE FOCAL LENGTH OF AFT PORT HORIZON CAMERA  
TO 55.00MM.PARA 2B THE FOCAL LENGTHS FOR S/I UNIT NO. D86/106/86 PART  
2 ARE STELLAR 83.9847MM AND INDEX 38.2941MM.PARA 4B CHANGE THE DEPRESSION ANGLE FOR THE AFT STAR TO  
15 DEG. 29.3 MIN. AND THE AFT PORT TO 15 DEG. 12.3 MIN.

PARA 4C THE ANGLE BETWEEN THE STELLAR AND INDEX CAMERAS

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FOR PART 2 IS 89 DEG. 52 MIN.

PARA 8 CHANGE THE DIFFERENCE VALUE FOR PASS 25 TO MINUS  
.017, FOR PASS 79 TO MINUS .021, AND FOR PASS 111 TO MINUS .004.

GP-1

T O P S E C R E T

--END OF MESSAGE--

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